

Certificate of Analysis

Date of Testing: 2022-05-12 19:16:49

Date of Next Testing: 2026-05-11 19:16:49

Product Name: **Dioxane**

CAS Number: 123-91-1

Specifications & Purity: for HPLC, $\geq 99.5\%$

Lot #: E2206038

SKU #: **D116159**

Analysis: **073092**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.95 %
Residue on Evaporation	0-0.0002 (%)	0.00 %
Refractive index n ₂₀ /D	1.42-1.424	1.42
Water by Karl Fischer	0-0.025 (%)	0.01 %
UV Absorbance 250nm	0-0.25	0.14
UV Absorbance 215nm	≤ 1	0.72
UV Absorbance 225nm	≤ 0.6	0.60
UV Absorbance 295nm	≤ 0.01	0.01
UV Absorbance 400nm	≤ 0.01	0.00
Appearance (D116159)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager